

US 40 EAST (WASHINGTON AVE) IS ASSUMED
TO RUN IN AN EAST/WEST DIRECTION

DEVONSHIRE RD

US 40 EASTBOUND
(WASHINGTON AVE)

APS NOTES:

1. PUSH BUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSH BUTTONS IS TO BE MEASURED FROM FACE OF PUSH BUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSH BUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSH BUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS:
TO CROSS WASHINGTON AVE AT DEVONSHIRE RD.
A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS WASHINGTON AT DEVONSHIRE CROSSWALK ANGLES RIGHT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

GEOMETRIC CONSTRUCTION DETAILS:

- A. INSTALL MODIFIED PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12) (NOTE: ONE 24"x60" DETECTABLE WARNING SURFACE.)
- B. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12) (NOTE: ONE 24"x60" DETECTABLE WARNING SURFACE.)
- C. INSTALL DEPRESSED STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
- D. INSTALL STANDARD TYPE A CURB AND GUTTER (STANDARD NO. MD 620.02).
- E. INSTALL STANDARD TYPE A CATCH-UP CURB AND GUTTER (STANDARD NO. MD 620.02).
- F. INSTALL STANDARD TYPE A CURB (STANDARD NO. MD 620.02).
- G. TIE TO EXISTING CURB JOINT.
- H. INSTALL NEW SIDEWALK AND TIE TO EXISTING SIDEWALK.
- J. REMOVE EXISTING SIDEWALK RAMP AND BACKFILL CONCRETE SIDEWALK.
- K. REMOVE EXISTING SIDEWALK RAMP AND BACKFILL WITH SEED AND MULCH.

BW629M84
US 40 WB/EB@ DEVONSHIRE

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
US 40 EB (WASHINGTON AVE) @ DEVONSHIRE RD
TRAFFIC SIGNAL MODIFICATION
HAGERSTOWN, MD

GEOMETRIC PLAN SHEET

SCALE 1" = 10' DATE 06/20/09 CONTRACT NO.

DESIGNED BY XMEI OF BRUDIS, INC. COUNTY WASHINGTON
DRAWN BY XMEI OF BRUDIS, INC. LOGMILE 21E04034.99
CHECKED BY J. BOLLING OF BRUDIS, INC. TMS NO. J851
F.A.P. NO. STPG-218-1(7)E TOD NO.

TS NO. 3684A DRAWING 2 OF 3 SHEET NO. 2 OF 9

BAI

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PLOTTED: Monday, November 23, 2009 AT 11:02 AM
FILE: p:\06-004 district\safe routes to school\hagerstown signals\US 40 E @ Devonshire\Drawings\CADD\Working\pSG-P002_US40E@DevonshireRd.dgn